ABSTRACT

In a linear motor and its progressive motion or motion control, e.g., for modular transport devices with straight and curved route sections forming a route course, extensive modularity or flexibility of the linear motor may be guaranteed with little expenditure in terms of equipment and software, e.g., with regard to various applications or machine configurations, e.g., when a plurality of secondary parts are used. A secondary part may have at least one permanent magnet and a signal processing device with a progressive motion or motion controller, which generates at least one set value relevant to the coil control. A set value is fed as a magnitude for commutation using a set value interface of a coil control that is stationary relative to the primary part. Device(s) are also provided for rigidly positioning the secondary part, the device(s) guiding the secondary part along a predetermined stretch.